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NPIC/R-1113/63

February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3444
23 FEBRUARY 1963



ARMY



NAVY

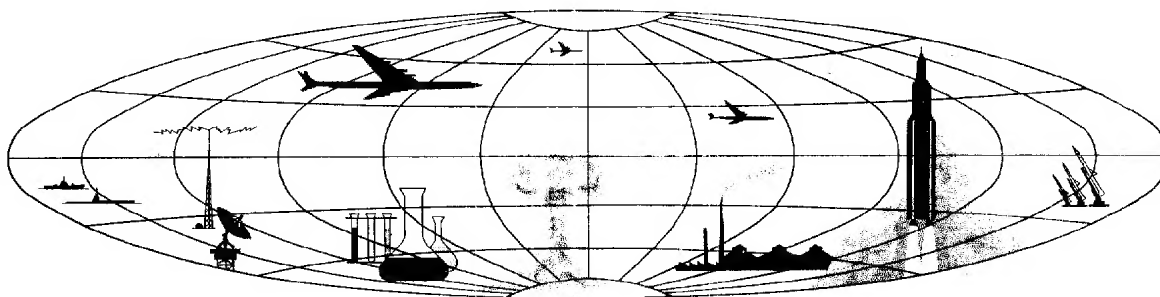


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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3444, DATED 23 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-ITEM OF INTEREST-

SHIP SIGHTING 2335N 08100W

NE OF CARDENAS IN NICHOLAS CHANNEL.
ONE LARGE FREIGHTER WITH AT LEAST 12 RECTANGULAR WHITE
OBJECTS ON DECK. POOR IMAGE QUALITY PRECLUDES FURTHER
INTERPRETATION.

25X1D



-MISSILES-

SAN CRISTOBAL MRBM SITE 1 2240N 08317W

25X1A

25X1D SITE IS ABANDONED. ARCHED-ROOF BUILDING REMAINS
INTACT. NO ACTIVITY NOTED.



SAN CRISTOBAL MRBM SITE 3 2242N 08308W

25X1D ARCHED-ROOF BUILDING REMAINS. NO ACTIVITY OBSERVED.



25X1A

GUANAJAY IRBM SITE 1 2257N 08239W

25X1D NO ACTIVITY OBSERVED.



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25X1D

[REDACTED]

25X1A

SAGUA LA GRANDE MRBM SITE 1 2243N 08001W

25X1D ARCH-ROOFED BUILDING REMAINS. NO ACTIVITY OBSERVED.

[REDACTED]

25X1A

SAGUA LA GRANDE MRBM SITE 2 2239N 07951W

25X1D NO ACTIVITY OBSERVED.

[REDACTED]

REMEDIOS IRBM SITE 2225N 07935W

25X1D ARCH-ROOFED BUILDING REMAINS. ONE LARGE TENT AND ONE TRUCK IN FRONT OF BUILDING. NO OTHER ACTIVITY OBSERVED.

[REDACTED]

25X1A

SAN CRISTOBAL MRBM SITE 4 2246N 08258W

25X1D NO ACTIVITY OBSERVED.

[REDACTED]

GUANAJAY IRBM SITE 2 2257N 08236W

25X1D LAUNCH AND SUPPORT AREAS CLOUD COVERED. ARCHED-ROOF BUILDING REMAINS INTACT. NO VEHICLES OBSERVED IN CLEAR AREAS.

[REDACTED]

TAPASTE AREA, STORAGE SITES 2303N 08207W

25X1D NO APPARENT CHANGE IN VISIBLE AREAS.

[REDACTED]

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25X1A

BARTOLOME, SUSPECT SSM ACTIVITY 2226N 07934W

25X1D

NO MISSILE ACTIVITY OBSERVED.

SALAMANCA, SUSPECT SSM ACTIVITY 2227N 07940W

25X1D

NO MISSILE ACTIVITY OBSERVED.

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

25X1D

NO MISSILE-ASSOCIATED ACTIVITY OBSERVED.

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

25X1D

NO UNUSUAL ACTIVITY OBSERVED.

25X1D

MARIEL SAM SITE 2300N 08249W

25X1D

SITE CONTAINS 6 REVETTED CANVAS-COVERED LAUNCH
POSITIONS, 7 MISSILE TRANSPORTERS, AND OCCUPIED AND
REVVETTED GUIDANCE AREA.

25X1A

MATANZAS SAM SITE 2301N 08129W

SITE CONTAINS 6 LAUNCHERS (4 COVERED), 7 CANVAS-
COVERED MISSILES ON TRANSPORTERS, 4 PROBABLE MOBILE
CRANES, NUMEROUS VANS AND ASSOCIATED EQUIPMENT, AND

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25X1D

FAN SONG GUIDANCE RADAR.

[REDACTED]

25X1A

BAHIA HONDA SAM SITE 2257N 08317W

25X1D

SITE CONTAINS 6 REVETTED LAUNCHERS, GUIDANCE AREA
REVETTED AND OCCUPIED AND 7 CANVAS-COVERED MISSILE
TRANSPORTERS.

[REDACTED]

HAVANA SAM SITE 2309N 08213W

25X1D

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, ONE
CANVAS-COVERED HOLD AREA, AND CANVAS-COVERED
GUIDANCE AREA.

[REDACTED]

CIENFUEGOS SAM SITE 2202N 08024W

25X1D

SITE CONTAINS 6 LAUNCHERS AND CANVAS-COVERED
GUIDANCE AREA.
POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED]

25X1A

SAGUA LA GRANDE SAM SITE 2251N 08005W

25X1D

SITE CONTAINS 6 REVETTED OCCUPIED LAUNCH POSITIONS,
REVETTED, OCCUPIED GUIDANCE AREA AND ONE CANVAS-
COVERED PROBABLE MISSILE TRANSPORTER.

[REDACTED]

25X1A

CAIBARIEN SAM SITE 2228N 07929W

25X1D

SITE CONTAINS 6 UNREVETTED CANVAS-COVERED LAUNCHERS,
UNREVETTED, OCCUPIED GUIDANCE AREA, 6 PROBABLE MISSILE
TRANSPORTERS, ONE CANVAS-COVERED MISSILE TRANSPORTER.

[REDACTED]

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25X1A

SANCTI SPIRITUS SAM SITE 2147N 07929W

25X1D

SITE CONTAINS 6 UNREVIEWED CANVAS-COVERED LAUNCHERS,
7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN
OCCUPIED GUIDANCE AREA.

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N 08221W

25X1D

APPROXIMATELY 20 MISSILE TRANSPORTERS, 6 LOWBOY
TRAILERS AND 6 UNIDENTIFIED VEHICLES OBSERVED.
HEAVY CLOUDS PRECLUDE FURTHER INTERPRETATION.

25X1D

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

NO APPARENT CHANGE.

MANAGUA SAM SITE 2259N 08215W

25X1D

SITE CONTAINS 6 REVIEWED LAUNCH POSITIONS, ONE VAN IN
GUIDANCE REVETMENT.
SUPPORT AREA CONTAINS 4 SQUAD, ONE GENERAL PURPOSE,
AND 4 PYRAMIDAL TENTS AND 15 VEHICLES.
NO MISSILE EQUIPMENT OBSERVED IN THE 3 HOLD
REVIEWMENTS OR IN AREA.

25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

25X1D

SITE CONTAINS 2 CANVAS-COVERED LAUNCHERS IN
REVIEWMENTS, 8 VEHICLES AND 10 CRUISE-MISSILE CRATES
IN PARKING AREA.
NO APPARENT CHANGE IN FACILITIES.

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LA SIERRA CRUISE-MISSILE SITE 2156N 08019W

25X1D

SITE IS ABANDONED.

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

25X1D

FORTY-EIGHT CRUISE-MISSILE CRATES NOTED.
APPROXIMATELY 200 VEHICLES AND 12 PROBABLE MISSILE
TRANSPORTERS OBSERVED IN HEADQUARTERS AREA.

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

25X1D

AIRCRAFT -- 35 FISHBED AND 11 FAGOT/FRESCO.

PRESTON AIRFIELD 2044N 07539W

25X1D

AIRCRAFT -- NONE OBSERVED IN VISIBLE PORTIONS.

ANTONIO MACEDO AIRFIELD 1958N 07550W

25X1D

AIRCRAFT -- ONE HOUND, 2 LIAISON-TYPE, ONE
UNIDENTIFIED HELICOPTER, 3 COACH, AND ONE 4-ENGINE
TRANSPORT VISIBLE IN CLOUD-FREE AREAS.

CORONEL PASCUAL AIRFIELD 2307N 08117W

25X1D

AIRCRAFT -- 5 FAGOT/FRESCO.
NINE VEHICLES OBSERVED.

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SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

25X1D

AIRCRAFT -- 10 FAGOT/FRESCO, 8 PROBABLE B-26, 2 TWO-ENGINE TRANSPORT AND ONE UNIDENTIFIED SINGLE-ENGINE LOW WING.

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

25X1D

AIRCRAFT -- ONE CLEAT, 2 BRITANNIA, ONE VISCOUNT, 2 C-54, 4 C-46, 3 CONSTELLATION, 3 CRATE, 2 LIAISON-TYPE, AND 2 SMALL TRANSPORTS OBSERVED IN CLOUD-FREE AREAS.

25X1A

CAMPO LIBERTAD AIRFIELD 2306N 08226W

25X1D

AIRCRAFT -- 4 COLT, ONE PBY, AND 40 LIAISON-TYPE OBSERVED IN CLOUD-FREE AREAS.

MARIEL NAVAL AIR STATION 2300N 08246W

25X1D

EIGHTEEN KOMAR MISSILE SHIPPING CRATES AND 11 UNIDENTIFIED VEHICLES OBSERVED. AIRCRAFT -- NONE.

PLAYA BARACOA AIRFIELD 2302N 08235W

25X1D

AIRCRAFT -- 42 HOUND, 7 HARE, ONE CRATE. APPROXIMATELY 30 SHIPPING CRATES OBSERVED.

MANAGUA AIRFIELD 2258N 08217W

25X1D

AIRCRAFT -- NONE OBSERVED IN CLOUD-FREE AREAS.

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25X1A

JAIME GONZALES AIRFIELD 2209N 08025W

25X1D

NO AIRCRAFT OBSERVED.

TRINIDAD AIRFIELD 2147N 07959W

25X1D

NO AIRCRAFT OBSERVED.

-PORTS-

MARIEL PORT 2301N 08245W

25X1D

NO LARGE VESSELS OR MILITARY EQUIPMENT. ONE
KRONSTADT-CLASS PC, ONE PF, 12 KOMAR-CLASS PGMG,
AND ONE SMALL COASTAL TANKER OBSERVED.

CIENFUEGOS PORT 2209N 08027W

25X1A

VESSELS -- 3 TANKERS, 3 FREIGHTERS, ONE COASTAL
FREIGHTER.

25X1A

ARE NOT OBSERVED. CANNOT
BE IDENTIFIED.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

SANTIAGO DE CUBA PORT 2001N 07550W

25X1D

VESSELS -- ONE FREIGHTER VISIBLE IN CLOUD-FREE AREA.

25X1A

NUEVITAS PORT 2132N 07716W

25X1A

TWO FREIGHTERS INCLUDING THE DOCKED.
TWO FREIGHTERS ANCHORED IN NUEVITAS BAY.

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25X1A

25X1D

[REDACTED] REMAINS AT PASTELILLO PIER NO 4 WITH
6 HATCHES OPEN. FOURTEEN BOXCARS AND ONE LOCOMOTIVE
ON DOCK ALONGSIDE SHIP.
NO MILITARY EQUIPMENT VISIBLE.

LA ISABELA PORT 2256N 08001W

25X1D

VESSELS -- ONE LARGE FREIGHTER.
NO MILITARY EQUIPMENT OBSERVED.

CAIBARIEN PORT 2232N 07928W

25X1D

NO LARGE VESSELS OR UNUSUAL MILITARY EQUIPMENT
OBSERVED.

CASILDA PORT 2145N 07959W

25X1D

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

MATANZAS PORT 2303N 08134W

25X1D

VESSELS -- 3 LARGE FREIGHTERS, ONE SMALL FREIGHTER,
AND ONE COASTAL FREIGHTER. TWO KRASNOGRAD-CLASS
FREIGHTERS REMAIN AT NEW WHARF -- ONE HAS 2 HATCH
COVERS REMOVED AND BOOMS SECURED, OTHER HAS ALL
HATCHES CLOSED AND ONE BOOM OVER SIDE. TWELVE BOXCARS
AND ONE LOCOMOTIVE ON PIER BETWEEN SHIPS. LARGE
FREIGHTER AT DUBROCQ QUAY HAS 4 HATCH COVERS REMOVED
AND BOOMS IN OPERATION. TWO LARGE TRACTOR TRAILERS
MOVING ON QUAY.
SIXTY-FOUR TRUCKS PARKED SW OF QUAY. TRUCKS OBSERVED
LEAVING THE AREA. ONE HELICOPTER REMAINS.

25X1A

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HAVANA PORT 2308N 08221W

25X1D

VESSELS -- 32 LARGE FREIGHTERS, 14 SMALL COASTAL
FREIGHTERS, ONE PF, 5 PROBABLE PC, ONE PROBABLE PCE,
AND 5 PT OBSERVED IN CLOUD-FREE AREAS. 25X1D
DUE TO HAZE AND CLOUD COVER ONLY THE [REDACTED]
2 LGOV-CLASS AND THE PROBABLE ORENBURG COULD BE
IDENTIFIED. [REDACTED] HAS 3 HATCHES OPEN, ONE LIGHTER
AND 2 SMALL CRAFT ALONGSIDE.
TWO LGOV-CLASS AT PIERS -- ONE ON SOUTH SIDE
OF MACHINA PIER HAS ONE POSSIBLE OPEN HATCH AND
2 BOOMS OVER THE SIDE, SECOND LGOV-CLASS AT
WARD LINE PIER HAS HATCHES SECURED AND UNIDENTIFIED
DECK CARGO ON STERN WITH BOOMS SECURED.

25X1D

25X1A

CABANAS PORT 2259N 08256W

25X1D

NO LARGE VESSELS OBSERVED.

BAHIA HONDA PORT 2255N 08311W

25X1D

VESSELS -- NONE OBSERVED IN CLEAR PORTIONS.

TUNAS DE ZAZA PORT 2138N 07933W

25X1A

25X1D

[REDACTED] REMAINS ANCHORED 1.5 NM SW OF PORT. FOUR
HATCHES ARE OPEN AND BOOMS ARE ACTIVE. FIVE LIGHTERS
AND 2 SMALL CRAFT ALONGSIDE SHIP.

-ELECTRONICS-

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

NO APPARENT CHANGE.

25X1A

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25X1D

[REDACTED]

-MILITARY ACTIVITY-

25X1A

ARTEMISA, MILITARY CAMP 2251N 08248W

25X1D

CAMP CAN BE IDENTIFIED BUT CLOUD COVER PRECLUDES
INTERPRETATION.

[REDACTED]

LA BOCA, MILITARY CAMP 2301N 08242W

25X1D

MAIN AREA CONTAINS 4 LARGE AND 3 SMALL TENTS AND 15
VEHICLES. AREA TO THE SE HAS 6 VEHICLES.

[REDACTED]

25X1A

BAHIA HONDA, MILITARY CAMP 2258N 08311W

25X1D

NO APPARENT CHANGE.

[REDACTED]

CABANAS AREA, MILITARY CAMP 2256N 08252W

25X1D

NO APPARENT CHANGE, NO VEHICLES OBSERVED.

[REDACTED]

REMEDIOS AREA, MILITARY CAMP 2227N 07934W

25X1D

CAMP CONTAINS 12 BARRACKS BUILDINGS, 16 LARGE
TENTS, 25 MEDIUM TENTS, 14 SMALL TENTS, 41 TANKS/SP
GUNS, 7 UNIDENTIFIED TRACKED VEHICLES, ONE PROBABLE
FROG MISSILE TRANSPORTER, 2 PROBABLE FROG LAUNCHERS,
9 SNAPPERS, 26 PROBABLE FA PIECES, 248 CARGO TRUCKS,
10 PROBABLE POL TRUCKS, 10 VAN TRUCKS, 26 UTILITY
TRUCKS, 10 PROBABLE PRIME MOVERS, 18 UNIDENTIFIED
VEHICLES, 3 CARGO TRAILERS. SIX-GUN AAA SITE
REMAINS OCCUPIED.

[REDACTED]

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25X1D



25X1A

MINAS, AMMUNITION STORAGE AREA 2307N 08212W

25X1D

NO APPARENT CHANGE.



SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

25X1D

CAMP CONTAINS 13 TANKS/SP GUNS, APPROXIMATELY 50 CARGO TRUCKS AND 5 UTILITY TRUCKS, 43 LARGE, 3 MEDIUM, AND 5 SMALL TENTS. NUMEROUS VEHICLES/PIECES OF EQUIPMENT LOCATED IN HEAVILY WOODED AREA. 6-GUN AAA SITE REMAINS OCCUPIED. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.



25X1A

MADRUGA, POL STORAGE 2256N 08149W

25X1D

SHED ROOFS NOW COVER 10 GROUPS OF TANKS. NO APPARENT CHANGE IN OTHER FACILITIES.



MANAGUA, MILITARY CAMP 2258N 08217W

25X1D

APPROXIMATELY 420 VEHICLES OBSERVED. SCATTERED CLOUDS AND HAZE PRECLUDE FURTHER INTERPRETATION.



PURIO, MILITARY AREA 2233N 07952W

25X1D

NO MILITARY ACTIVITY OBSERVED.



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25X1A

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

25X1D NO APPARENT CHANGE.

GUANABACOA, MILITARY AREA 2307N 08215W

25X1D AT LEAST 12 FA PIECES, 6 PROBABLE PRIME MOVERS, AND
APPROXIMATELY 15 UNIDENTIFIED VEHICLES VISIBLE IN
CLOUD-FREE AREAS.

SPECIAL AREA HOTEL 2301N 08246W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

SPECIAL AREA VICTOR 2300N 08234W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

LAS VILLAS AREA OF SPECIAL INTEREST 2146N 07959W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

TARARA LANDING BEACH 2310N 08212W

25X1D NO APPARENT CHANGE.

MATANZAS LANDING BEACH 2301N 08126W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

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25X1A

VARADERO LANDING BEACH 2308N 08118W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

CIENFUEGOS LANDING BEACH 2202N 08036W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

ENSENADA COLORADO LANDING BEACH 2202N 08025W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

-MISCELLANEOUS ACTIVITY-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

25X1D AT LEAST 32 SMALL VEHICLES OR PIECES OF EQUIPMENT
OBSERVED ON INTERIOR LOOP ROAD. CONSTRUCTION
CONTINUES ON BUNKERS IN AREA TO NORTH WHERE 7
OPEN-BED TRUCKS ARE OBSERVED.

MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W

25X1D FIVE TRUCKS AND 2 FLAT-BED TRAILERS ON AND NEAR THE
SMALLER LOOP ROAD. NO APPARENT CHANGE IN FACILITIES.

LA ROSITA AREA, STORAGE INSTALLATION 2208N 08004W

25X1D NO APPARENT CHANGE.

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25X1A

LA BOCA, INDUSTRIAL CONSTRUCTION 2301N 08245W

25X1D

CONSTRUCTION ACTIVITY CONTINUES.

25X1D



EL CALVARIO, MUNITIONS STORAGE AREA 2303N 08220W

.5 NM WNW OF EL CALVARIO AND .5 NM WSW OF
SAN FRANCISCO DE PAULA MUNITIONS STORAGE AREA AT
23-03-25N 082-20-20W.
INSTALLATION CONSISTS OF A LOOP ROAD WITH ACCESS
FROM EAST AND WEST, 5 EARTH-COVERED BUNKERS WITH
ABUTTED ENTRANCES ON THE LOOP ROAD AND 6 SMALL
BUILDINGS.

25X1D

-STATUS OF OTHER TARGETS-

MISSION 3444 DID NOT COVER TARGETS EAST OF

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75 DEGREES OR WEST OF 83 DEGREES 30 MINUTES
WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED --

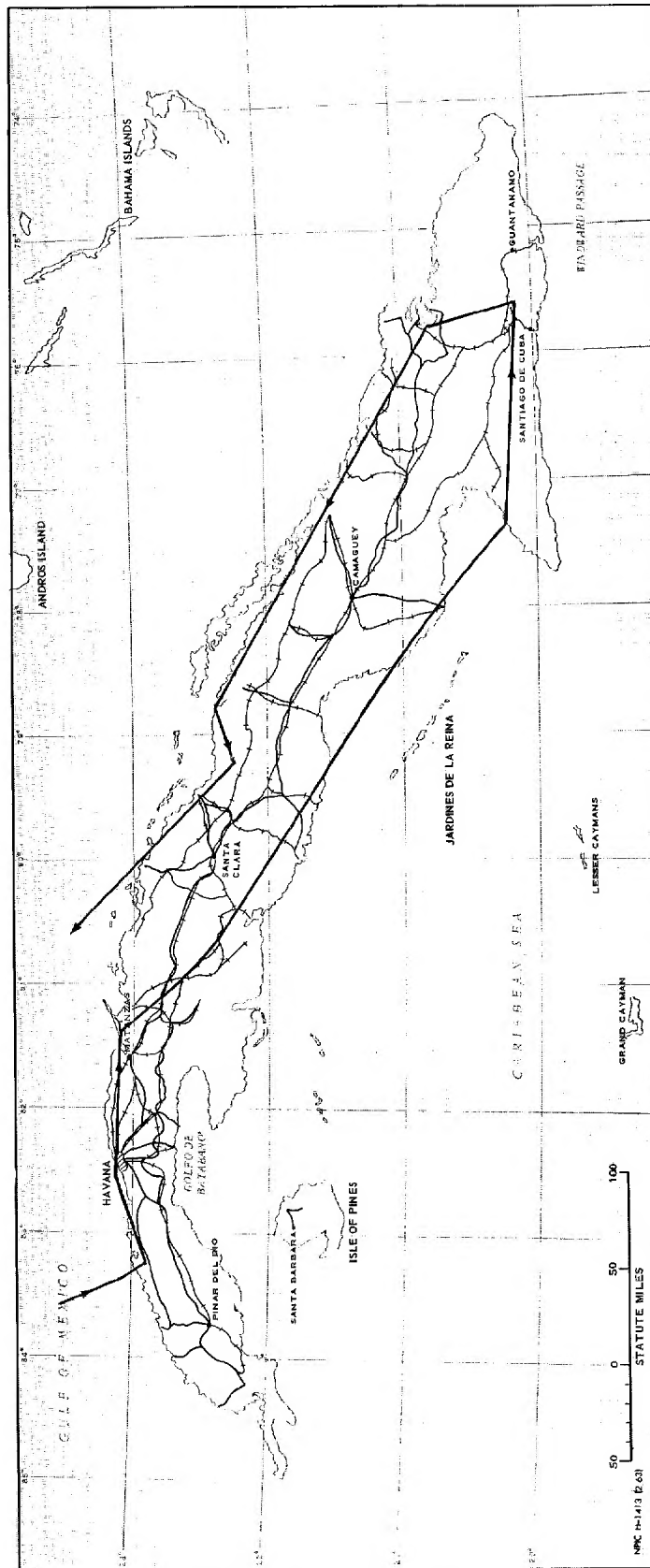
25X1A

MALDONADO SAM SITE	2012N 07528W
CAMPO FLORIDA CRUISE-MISSILE SITE	2306N 08211W
HAVANA AMMUNITION STORAGE AREA	2301N 08226W
SAN JOSE DE LAS LAJAS AREA MILITARY CAMP	2255N 08210W
TORRENS MILITARY COMPLEX	2259N 08228W
SANTA CLARA AREA MILITARY ACTIVITY	2221N 07957W
LOMAS DE CRISTO MILITARY AREA	2006N 07546W
NAZARENO MILITARY AREA	2258N 08214W
GUANABO AREA MILITARY AREA	2311N 08203W
CAMPO FLORIDA MILITARY CAMP	2307N 08206W
SPECIAL AREA ALPHA	2258N 08227W
SPECIAL AREA BRAVO BLUE	2250N 08233W
BEJUCAL MUNITIONS STORAGE SITES	2256N 08223W
SANTA CLARA AREA, MILITARY INSTALLATION	2224N 07953W
MANICARAGUA AREA EXPLOSIVES STORAGE SITE	2206N 07958W

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3444, 23 FEBRUARY 1963

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